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EQUIPMENT BOARD
MINUTES

Meeting No. 2-67 of the Equipment Board was held on 13 April 1967 in the OC Conference Room. Those present were:

25X1A

DD/CO (Chairman)
OC-OS
OC-S
OC-S
OC-O
OC-XO
OC-E
OC-E
OC-SP
OC-OS (Acting Secretary)
OC-P
OC-E

I. OLD BUSINESS

None

II. NEW BUSINESS

25X1A The design and fabrication of a special purpose cryptographic machine similar to the [REDACTED] Proposal). 25X1A

25X1A The design and fabrication of an applique unit for use with the CO-8 [REDACTED] Proposal).

1. Introduction

25X1A The purpose of this meeting was to review and take appropriate Board action on the above proposals as submitted by the [REDACTED] 25X1A

2. Discussion - Agenda Item #1

25X1A a. [REDACTED] presented [REDACTED] proposal to the Board. [REDACTED] 25X1A
[REDACTED] discussed the proposed modification to the [REDACTED] machine, its operation, and what value
25X1A this device would have to OC.
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Individual board members pointed out that in terms of the State-of-the-Art, cost, simplicity of operation, training time, and present methods of encipherment and decipherment, OC should procure a model for test and evaluation. The desirability of such a machine was questioned in respect to a mechanical emphasis rather than an electrical approach to such devices.

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██████████ indicated that a renewed effort should be made to encourage NSA to develop equipment of this nature to insure continuing refinement.

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The ██████████ proposal was approved by all members of the Board with the exception of ██████████ stated that further investigation or re-investigation may lead to greater customer satisfaction.

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b. The design and fabrication of one applique unit for use with the CO-8 ██████████ Proposal).

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██████████, OC-S, introduced and described the function of the applique unit.

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██████████ voiced disapproval in the reliability of a totally mechanical device. ██████████ wished to impress upon the Board that OC must attempt to improve time of encryption, and if OC can decrease coding time with utilization of equipments now in stock it should do so.

25X1A

██████████ OC-E/R&D, presented a Lab version of a CK-30 device. The Lab coder/keyer was contrasted with ██████████ applique unit and silent version of the CK/A-30 device. 25X1A

A general discussion followed concerning the packaging, operational considerations, configuration complications, and time frames involved. Final discussion encompassed the decision as to whether OC should add another mechanical device to meet present demands, which may further complicate present equipment configurations or move forward at a faster pace to make a more sophisticated device available, specifically, the Lab coder/keyer proposal.

3. Conclusions

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a. The ██████████ proposal for the fabrication of one special purpose cryptographic machine was approved by majority Board vote with ██████████ OC-E dissenting. ██████████ stated that further investigation of this type requirement may lead to a better device that would give greater customer satisfaction.

b. The Board voted 4-3 to disapprove the ██████████ machines proposal for the fabrication of one applique unit that could be used with the CO-8 to improve the encryption process. It was agreed, however, that the R&D Laboratory should proceed with its program to build an engineering model of their CK-30 (silent version).

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4. Recommendations

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a. OC-E should initiate necessary procedures with [REDACTED] 25X1A
[REDACTED] for the fabrication of one model of the special purpose
cryptographic machine as described in their proposal dated 22 November 1966.

b. No action should be taken for the fabrication of an applique
unit for use with the CO-8 as described in the [REDACTED] 25X1A
proposal dated 22 November 1966. The R&D Laboratory should proceed
with their program to build an engineering model CK-30.

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